parts of Carolina and Georgia, but that he has not met with it in the lower or level portions of the Southern States. It is variously known by the names of *Butternut*, *Oilnut* and *White Walnut.*

The genus *Juglans* or *Walnut* appertains to the Linnæan class *Monœcia* and order *Polyandria.* Its natural orders are *Amentaceæ* of Linnæus and *Terebintaceæ* of Jussieu.

This genus has its *barren flowers in aments with a six-parted calyx; its fertile flowers with a four-cleft superior calyx; a four-parted corolla; two styles; and a coriaceous drupe with a furrowed nut.*

The species *cinerea* has its *leafets numerous, oblong-lanceolate, rounded at base, downy underneath, serrate. Fruit oblong-ovate with a terminal projection, viscid and hairy; nut oblong, acuminate, with a rough, indented and ragged surface.*

The leaves of the Butternut tree when fully grown are very long, consisting of fifteen or seventeen leafets, each of which is two or three inches long, rounded at base, acuminate, finely serrate and downy.

The flowers appear in May before the leaves are expanded to their full size. The barren flowers hang in large aments from the sides of the last year's shoots, near their extremities. The

scales which compose them are oblong and deeply cleft on each side into about three teeth or segments. The anthers are about eight or ten in number, oblong and nearly sessile. The fertile flowers grow in a short spike at the end of the new shoot. They are sessile and universally pubescent and viscid. When fully grown, they seem to consist of a large oblong germ and a forked feathery style. The top of the germ, however, presents an obscurely four-toothed calyx. Within this is a corolla of four narrow lanceolate petals growing to the sides of the style. The style divides into two large, diverging, feathery stigmas nearly as long as the germ. These flowers are somewhat later than the aments in their appearance. The fruit is sessile, several together on the sides and extremity of a long peduncle. It is of a green colour, brown when ripe, oblong-oval, pointed, hairy and extremely viscid. It contains a nut which is of a dark colour, carinated on both sides, sharp pointed, its whole surface roughened by deep indentures and sharp prominences. The kernel is more regular than in most nuts of its kind, is very oily, pleasant to the taste when fresh, but acquires a rancid taste by age.

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